

02/20/02  
JANICE AU-YOUNG  
USPTO

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Printed: Janice Au-Young

Signed: Janice Au-Young

Commissioner for Patents  
**Box Patent Application**  
Washington, DC 20231

J1017 U.S. PRO  
10/08/1904  
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Transmitted herewith for filing is a non-provisional patent application of:

Inventors: Yonghong Yang, John Tillinghast, and Christopher Piercy

Title: **METHODS FOR ESTABLISHING A PATHWAYS DATABASE AND PERFORMING PATHWAY SEARCHES**

Enclosed are:

- Return Receipt Postcard;  
 Transmittal Application Fee Sheet;  
 31 Pages of Specification;  
 4 Pages of Claims;  
 1 Page of Abstract;  
 11 Pages of Figures (Figs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 A, and 10B); and  
 2 Pages - Unexecuted Declaration

Under 35 USC §120, this application claims the benefit of prior provisional applications:

<u>Ser. No.</u>	<u>Filing Date</u>	<u>Status</u>
60/347,019	7 January 2002	pending
60/269,711	20 February 2001	pending

**Fee Calculation** - The fee has been calculated as follows:

**CLAIMS AS FILED** (fees computed under § 1.16)

Claims	Number Filed	Minus	Number Extra	Small Entity Fee	Basic Fee
					\$370.00
Total Claims	22	-20		x \$9	\$ 18
Independ. Claims	3	-3		x \$42	\$ 0
<b>TOTAL FILING FEE</b>					<b>\$388</b>

A check in the amount of **\$388.00** is attached. A duplicate of this sheet is enclosed.  
An assignment of the invention to Genmetrics will follow.

Respectfully submitted,

Date: 2/20/02  
Genmetrics, Inc.  
650 Saratoga Avenue  
San Jose, CA 95129

C. E. R., CEO  
Christopher Piercy  
CEO